

A full-page background image featuring a dirt road that stretches from the bottom center towards the horizon. The road is flanked by tall, golden-brown grass. In the distance, a calm body of water meets a sky filled with large, textured clouds. The sun is low on the horizon, casting a warm, golden glow across the entire scene.

# DATA.GOV 2.0

THE NEXT EVOLUTION OF OPEN DATA





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*Data that empowers consumers*

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- National Coastal Mapping Program
- FY12 CPD Formula Allocation
- America the Beautiful 2010 Coin...
- 2011 Circulating Coin Figures
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- 2011 America the Beautiful Coin...
- Federal Enforcement Actions Fiscal Year...
- Litigation Outcomes Fiscal Year 2012
- Potential Financial Impact Fiscal Year...

## DATA AND TOOLS



- 373,029 [raw](#) and [geospatial](#) datasets
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## COMMUNITIES



Come explore, discuss, meet others in the same field, and develop the data and apps in the community that you care about. Join in the discussions by [going to communities](#), some of which are listed below, that interest you.

## OPEN GOVERNMENT



View our government at work and find opportunities to participate.

- [Open Government Initiative](#)
- [Open Government Platform](#)
- [Request a dataset](#)



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## SEARCH

Enter your keywords

water

Search

## Search results

## Recommended results

**RadNet Map Interface for Near Real-Time Radiation Monitoring Data**

RadNet is a national network of monitoring stations that regularly collect air, precipitation, drinking water, and milk samples for analysis of radioactivity. The RadNet network, which has stations in 48 states, has been used to track environmental releases from nuclear power plants and other sources.

**Safe Drinking Water Information System (SDWIS) Widget | Data.gov**

The Safe Drinking Water Information System (SDWIS) widget allows users to determine the public water systems for a specific county that have violations reported in SDWIS.

**National Water Quality Assessment (NAWQA) Program | Data.Gov ...**

National scope of NAWQA water-quality sample- and laboratory-result data and other supporting information obtained from NWIS systems hosted by individual Water ...

**National Water Information System (NWIS) | Data.Gov | Open Federal ...**

NWIS supports the acquisition, processing, storage and dissemination of information about water quantity and quality collected at over 1.5 million sites around the U.S.

**WaterWatch -- Current Water Resources Conditions | Data.Gov | Open ...**

WaterWatch (<http://waterwatch.usgs.gov>) is a U.S. Geological Survey (USGS) World Wide Web site that displays maps, graphs, and tables describing real-time, recent ...

**Chesapeake Bay Program Water Quality Database | Data.Gov | Open ...**

The Chesapeake Information Management System (CIMS), designed in 1996, is an integrated, accessible information management system for the Chesapeake Bay Region. CIMS



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## Chesapeake Bay Program Water Quality Database

### Dataset Summary

Agency Environmental Protection Agency

Sub-Agency/Organization

Category Geography and Environment

Date Released 01/01/1984

Date Updated 01/01/2010

Time Period 01/25/1984 - 10/29/2009

Frequency bi-monthly to monthly

Description

The Chesapeake Information Management System (CIMS), designed in 1996, is an integrated, accessible information management system for the Chesapeake Bay Region. CIMS is an organized, distributed library of information and software tools designed to increase basin-wide public access to Chesapeake Bay information. The information delivered by CIMS includes technical and public information, educational material, environmental indicators, policy documents, and scientific data. Through the use of relational databases, web-based programming, and web-based GIS a large number of Internet resources have been established. These resources include multiple distributed on-line databases, on-demand graphing and mapping of environmental data, and geographic searching tools for environmental information. Baseline monitoring data, summarized data and environmental indicators that document ecosystem status and trends, confirm linkages between water quality, habitat quality and abundance, and the distribution and integrity of biological populations are also available. CIMS is a web-based system that provides a single point of access to all CIMS data and information. CIMS is a web-based system that provides a single point of access to all CIMS data and information.

### Download Information

[XML ▶](#)[CSV/TXT ▶](#)[XLS](#)[ML/KMZ](#)[Shapefile ▶](#)[Maps](#)[RDF ▶](#)[PDF ▶](#)[RDF](#)

8 MB

Cannot find data you are looking for?  
[Suggest other datasets!](#)

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## WELCOME TO OUR COMMUNITY

This is the [National Ocean Council's](#) portal for data, information, and tools to support people engaged in planning for the future of the ocean, our coasts, and the Great Lakes. Our goal is to be a one-stop hub to support planners and to provide useful information to the public. Please visit our [Feedback](#) page to tell us what would make the site most useful to you as we expand our content.

[Start Here!](#)

## West Coast Governors Alliance – Regional Data Framework

[View More](#)

# MANUAL TOPIC HUBS

### Federal Data Resources



We are in the process of making Federal data

### Regional Planning Efforts and Resources



### Feedback: What Else Should We Be Doing?







alpha.data.gov

A Data.gov Initiative

Search



A collection of **open data** from government, companies, and non-profits that is fueling a **new economy**.

# ALPHA.DATA.GOV



Creative Commons - stevegarfield on Flickr

## GPS

Real-time location for your apps and services using satellite-driven navigation data.

## Weather

Weather data, including water, climate, forecasts and warnings.

## Census Data

Current and historic population, economic indicators.

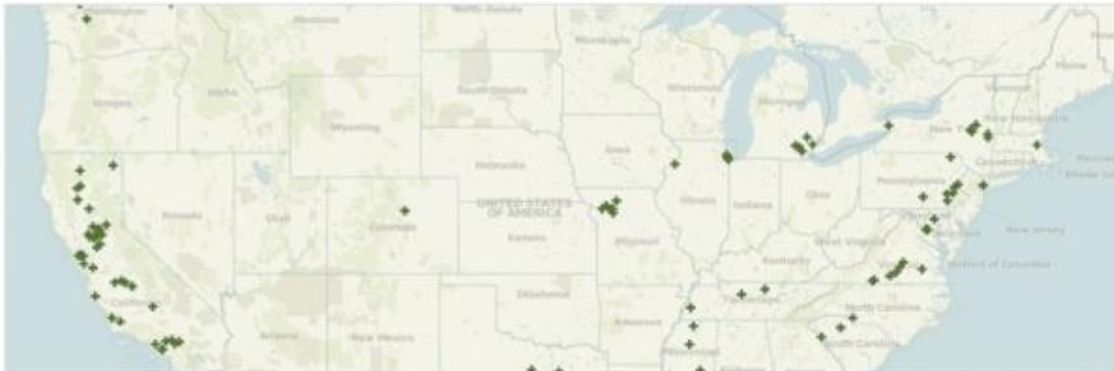
ENERGY

# FEDERATED



# Education Data

Open Data Style



## GET THE DATA

**2012:**  
CSV | JSON | XML | API | PDF

**2011:**  
CSV | JSON | XML | API | PDF

**2010:**  
CSV | JSON | XML | API | PDF

Dataset Completion



Data Openness Rating



# MORE CONTEXT

The Investing in Innovation (i3) Fund provides funding to local schools (and non-profits that partner with them) with track records of positive student achievement in order to help these schools expand upon their progress, in the hopes that other schools can follow their best practices. (This is the human-readable description.)

## IDEAS FOR USING THIS DATA



Hi

As the Entrepreneur-in-Residence, I think you can use this data to setup a system in your community to ensure local grantees are able to achieve their financial and/or in-kind donation matches.



I'm Dmitry. I think you could make a map of this data over time!

## SIMILAR DATASETS



Promise Neighborhood Grants



Race to the Top Grants

## Find us on Facebook



Education







I'm Dmitry. I think you could make a map of this data over time!

## APPS USING THIS DATA

**simpletuition**  
plan • pay less • pay back

They use this data in these ways.  
<http://www.simpletuition.com>

**alltuition**

They use this data in these ways.  
<http://www.alltuition.com>

# MORE CELEBRATION

## ARTICLES RECOMMENDED BY THE DATA

**School districts switching i3 partners**  
Forsyth County school system officials expect to be successful with a new i3 partnership after the district's initial arrangement fell short...

## STEM Makes Strong Showing in Latest 'Innovation' Grants

Forsyth County school system officials expect to be successful with a new i3 partnership after the district's initial arrangement fell short...

## United States Department of Education Selects New Leaders as One of the 20 Highest-Rated Investing in Innovation Grant Applications

New Leaders has been named one of the 20 highest-rated applications for the 2012 Investing in Innovation (i3) grant fund by the U.S. Department of Education...

## META DATA

**Agency:** U.S. Department of Testing

**Department:** Office of Testing Stuff

**Collection Frequency:** Weekly

**Tags:** grants, schools, innovation

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+1



0

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## DATA STORIES



Hello! I'm responsible for this data.

My favorite data type is tuple.

Notice an error? Let me know.

## GOT QUESTIONS?

Total Answered: 91

20 What does !! mean in ruby?

8th September 12

15 How do you protect your commercial application from being installed on multiple computers with one license?

6th October 08

14 Why shouldn't Helpers have html in them?

## how to use datasets from data.gov

Move apps to the cloud  
without rewriting code.  
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tagged

[ruby-on-rails](#) × 106526

[ruby](#) × 66990

[dataset](#) × 2932

asked 1 year ago

viewed 134 times

active 1 year ago

I am doing Ruby programming and want to call some datasets from the Data.gov website to my app. But I am not knowing how can I use the datasets from Data.gov. I know this should be posted on their site but I found no real active blog or something. I would be glad if anyone can help me with this or have used the datasets from data.gov.

# OPEN DATA Q&A

share | edit | flag

asked Oct 22 '11 at 8:22

 uDaY  
2,107 • 2 • 4 • 16

add comment

start a bounty

### 2 Answers

active

oldest

votes

They offer the data as a csv file which is a file containint one dataset per line and the columns are seperated by a commata. There are some functions in ruby to parse CSV files.

<http://ruby-doc.org/stdlib-1.9.2/libdoc/csv/rdoc/CSV.html>

But if you want an interface to automaticly grab all the data you will need to write your own. I use mechanize and nokogiri to automize website calls. The problem you would have then is that every .csv has his own table structure so you cant import them to a pre defined model.

Community Bulletin  
Oct 13 13 Comm  
Model for Fun  
ends in 5 days  
blog [Podcast #44 – This Should Have Been #43](#)



CAREERS 2.0  
by stackoverflow





50

followers

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## Open Data

Proposed Q&A site for developers, entrepreneurs, researchers, journalists and general public interested in or already using open data from governments, non-profits, academia and public sector. Focus is on meaning of data and how to use it.

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1

vote

1

answer

Similar proposal to Data

feb 26 at 15:32 warren 8,239

This proposal is in:

★ **Definition**

The topic and audience are still being decided. It needs:

- ★ 10 followers
- ★ 35 questions with a score of 10 or more to move to the next phase.

proposed by



Dmitry Kachaev

561 ● 1 ● 12

51

12 days ago (edited 12 days ago)

viewed

478 times

most activity

2 days ago

followers



users also following

22.0% Data

10.0% Big Data

10.0% Washington D.C.

### 27 Example Questions



13



Is there API to get list of all publicly available datasets through data.gov and metadata for them based on keywords?

added by Dmitry Kachaev Feb 22 at 17:30

link close flag

Yes - An interim solution is to go to the below dataset, then choose Export->API.  
explore.data.gov/Other/Data-gov-Catalog/pyv4-fkgv - Gray B. 2 days ago /

add comment



13



Is there a complete list of hospitals and clinics across the country?

added by Ryan Panchadsaram Feb 22 at 17:38

link close flag

Your question will be better if you specify which country - THelper Feb 27 at 8:25

add comment

VOTE!

AREA51.STACKEXCHANGE.COM